

CLAIMS

1. A film for forming a 3D image display body, for developing a 3D image containing right- eye image display portions and left-eye image display portions in mixture, characterized in that:

a laminate phase difference film is formed by laminating , on a transparent support, a plurality of phase difference films such as a polycarbonate film or stretched PVA film having birefringence in such a fashion that the optical axes thereof cross one another;

predetermined portions of said laminate phase difference film are removed;

an appropriate synthetic resin is packed into said removed portions and are set to said right-eye image display portions; and

portions of said laminate phase difference film other than said right-eye image display portions are set to said left-eye image display portions.

2. A film for forming a 3D image display body, for developing a 3D image containing right-eye image display portions and left-eye image display portions in mixture, characterized in that:

a laminate phase difference film is formed by laminating, on transparent support, a plurality of phase difference films such as a polycarbonate film or stretched PVA film having birefringence in such a fashion that the optical axes thereof cross one another;

predetermined portions of said laminate phase difference film are removed;

an appropriate synthetic resin is packed into said removed portions and are set to said left-eye image display portions; and

portions of said laminate phase difference film other than said left-eye image display portions are set to said right-eye image display portions.

3. A method of producing a 3D image display body for developing a 3D image containing right-eye image display portions and left-eye image display portions in mixture, comprising the steps of:

depositing a laminate phase difference film formed by laminating, on a transparent support not having birefringence, a plurality of phase difference films such as

a polycarbonate film or stretched PVA film having birefringence in such a fashion that the optical axes thereof cross one another;

removing predetermined portions of said laminate phase difference film;

juxtaposing a plurality of grooves in such a fashion as to extend from one of the sides of said phase difference film to the other;

packing an appropriate resin into said grooves; and laminating or bonding a display member with, or to, said laminate phase difference film after packing of said synthetic resin.

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